Effect of solvent topography and steric hindrance on crystal morphology

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Table S1. Selected solvents

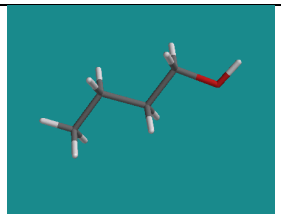
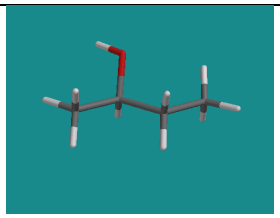
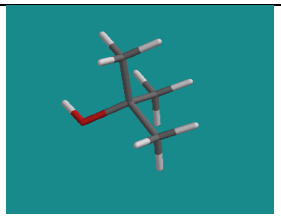
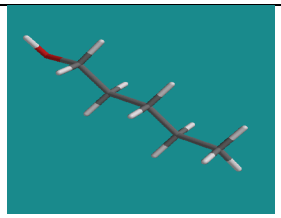
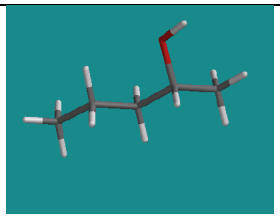
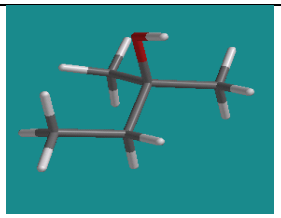
Solvent Molecular Structure		
		
1-butanol	2-butanol	t-butanol
		
1-pentanol	2-pentanol	2-methyl-2-butanol

Table S2. Properties of butyl- isomers.

Solvent	δ_H	α
1-butanol	15.8	0.84
2-butanol	14.5	0.69
t-butanol	14.7	0.42

δ_H = Hansen hydrogen bonding solubility parameter, [$MPa^{1/2}$]

α = Kamlet-Taft parameter

Table S3. Properties of pentyl- isomers.

Solvent	δ_H	α
1-pentanol	13.9	0.84
2-pentanol	13.3	0.84
2-methyl-2-butanol	13.3	0.28

Table S4. Aspect ratio for various solvent-solute systems

Solute	Solvent	Aspect Ratio	Valence
SA	1-butanol	1.54 ± 0.46	1
	2-butanol	1.66 ± 0.35	2
	t-butanol	3.62 ± 0.50	3
	1-pentanol	1.69 ± 0.37	1
	2-pentanol	2.35 ± 0.39	2
	2-methyl-2-butanol	3.69 ± 0.54	3
PA	1-butanol	1.55 ± 0.26	1
	2-butanol	1.85 ± 0.45	2
	t-butanol	2.87 ± 0.55	3
	1-pentanol	1.80 ± 0.38	1
	2-pentanol	1.96 ± 0.43	2
	2-methyl-2-butanol	3.85 ± 0.83	3
ASA	1-butanol	1.95 ± 0.33	1
	2-butanol	3.35 ± 0.42	2
	t-butanol	3.97 ± 0.55	3
	1-pentanol	2.41 ± 0.39	1
	2-pentanol	3.95 ± 0.70	2
	2-methyl-2-butanol	4.82 ± 0.70	3

Table S5. Statistical analysis for solvent-solute systems

Solute	Pairwise Tests	*t*-critical	*t*-value	conclusion
ASA	Butyl isomers			
	1° vs 2°	2.048	10.11	significant
	2° vs 3°	2.048	3.44	significant
	1° vs 3°	2.048	12.15	significant
	Pentyl isomers			
	1° vs 2°	2.048	7.49	significant
	2° vs 3°	2.048	3.40	significant
	1° vs 3°	2.048	11.63	significant
PA	Butyl isomers			
	1° vs 2°	2.048	2.22	significant
	2° vs 3°	2.048	5.52	significant
	1° vs 3°	2.048	8.36	significant
	Pentyl isomers			
	1° vs 2°	2.048	1.09	not significant
	2° vs 3°	2.048	7.88	significant
	1° vs 3°	2.048	8.74	significant
SA	Butyl isomers			
	1° vs 2°	2.048	1.07	not significant
	2° vs 3°	2.048	12.34	significant
	1° vs 3°	2.048	13.89	significant
	Pentyl isomers			

	1° vs 2°	2.048	4.69	significant
	2° vs 3°	2.048	7.78	significant
	1° vs 3°	2.048	11.80	significant